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CHAPTER VIII—PUBLIC WORKS, RAILWAY AND ELECTRICAL DEPARTMENTS.

(i) Public Works.

Irrigation Works.

655. The grant for the several works, the execution of which was entrusted to the Public Works Department, stood at Rs. 2,81,44,557.

656. The following were the important works in progress during the year :—

1.	Bhadra Reservoir at Lakkavalli, Tarikere Taluk.	890 lakhs (revised to Rs. 18 crores).
2.	Tunga Anicut at Sakrebyle, Shimoga District.	70·00 lakhs (revised to Rs. 200 lakhs).
3.	Constructing a Reservoir across the river Nugu, Heggadadevanakote Taluk.	81 lakhs (revised to Rs 220 lakhs).

Cement concreting of roads.

657. Cement concreting of roads was suspended for the time due to want of adequate funds.

658. A total length of 2,289·6 miles of State Fund Roads were maintained during the year.

Bureau of Sanitary Engineering.

659. The Bureau of Sanitary Engineering was in charge of the maintenance of 27 water supply installations.

Architect's Section.

660. Type designs for residential buildings for working class, officials and middle class were recast and fresh designs were prepared during the year.

661. The number of important building schemes taken up for consideration and for which designs and working drawings were prepared was five as follows :—

1. Medical buildings ;
2. Education and University Buildings ;
3. Housing ;
4. Miscellaneous ; and
5. Layout of extensions.

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662. Among the important works sanctioned during the year were :—

		Estimate Rs.	
1.	Excavating drainage channel to drain the swampy area below the Sulekere Tank bund, Channagiri Taluk	1,00,000	Irrigation Works.
2.	Construction of an anicut across the river Lokapavani near Balenahalli and opening out a feeder channel to new tank to be constructed at Madarahalli and Sunkathonnur tank, French-rocks Taluk.	3,56,000	
1.	Water supply distribution system for Lalbagh extension (Jayanagar extension) near Byrasandra.	13,00,000	Bangalore water supply.
2.	Laying 24″ West Loop main from Kethamaranahalli Hillock to Mount Joy Hill, Basavangudi extension	10,17,000	
3.	Laying a 15″ main from Mount Joy Hill to Byrasandra Hill.	3,26,700	
4.	Laying 24″ C. I. main from 0 to 6/21 from Chamarajsagar to combined Jewell Filters, Bangalore.	5,10,000	
1.	Replacing the 16″ steel pipes from 0 to 8 miles of the raising main from Bethamangala to Champion Reefs, Kolar Gold Field.	6,08,947	Kolar Gold Field water supply.
1.	Constructing new Special Wards in Vani Vilas Hospital, Bangalore.	73,000	Buildings.
2.	Constructing a P. A. R. P. quarters at Davangere.	1,66,000	
1.	Revival of Holehonnur-Hancha Siddapur Road (10 miles).	1,80,000	Roads.
2.	Revival of Hancha Siddapur-Channagiri Road (7 miles).	95,000	
3.	Opening out a chord road from Hancha Siddapur to Nallur (7 miles).	1,25,000	
1.	Constructing a bridge across the Jayamangali River near Puravara village, Madhugiri Taluk.	2,15,300	Bridges.

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		Estimate Rs.
	2. Constructing R. C. C. bridge across the Nagini River near Kaggere at 8/2 Nademavinapura-Amrithur Road, Kunigal Taluk.	1,03,550
	3. Construction of a bridge across the Kumadvathi River between Hithla and Churchigudi, Shikaripur Taluk.	70,000
Bureau of Sanitary Engineering drainage schemes	1. Comprehensive drainage scheme (surface) in Chintamani Town (Kolar District).	1,01,760
	2. Comprehensive drainage scheme of Hole-narsipur Town.	96,290
	3. Underground drainage scheme of Chitaldrug Town.	6,09,700
	4. Underground drainage scheme to Mandya Town.	8,09,230
Water supply schemes.	5. Water supply to Hosadurga Town ..	5,00,000
	6. Improvements of water supply to Tiptur Town.	2,09,000

General.

663. According to the re-organisation, both the irrigation and roads and buildings sections were combined into one unit and placed under one Chief Engineer, designated as the Chief Engineer of Mysore.

664. The State is divided into three permanent basic Circles in respect of Public Works: (i) Cauvery Circle comprising Mysore and Mandya Districts and Hole-narsipur and Arkalgud Taluks of Hassan District with headquarters at Mysore, (ii) Shimoga Circle comprising the remaining taluks of Hassan District, Chickmagalur District, Shimoga District and Chitaldrug District with headquarters at Shimoga and (iii) Tumkur Circle consisting of Tumkur, Kolar and Bangalore Districts with headquarters at Tumkur.

665. A Civil Engineering Circle exclusively for the execution of all engineering works pertaining to the Electrical Department with three divisions and the necessary executive and ministerial staff was sanctioned. In accordance with the above order, Mahatma Gandhi Hydro-Electric Works were transferred to the administrative control of the Chief Electrical Engineer.

Restoration of minor tanks.

666. Nearly 690 works of restoration of minor tanks were in progress in all the districts and about 150 were completed.